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Title: JP7130347A2: BATTERY SEPARATOR

Derwent Title: Separator for batteries - incorporates fibre main part made of polyolefin system which is mixed with paraffin wax and heat treated [\[Derwent Record\]](#)

Country: JP Japan

Kind: A

Inventor: TAKAHASHI ISAMU;
IIDA YOSHIO;

Assignee: UBE NITTO KASEI CO LTD
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Published / Filed: 1995-05-19 / 1993-10-28

Application Number: JP1993000270974

IPC Code: H01M 2/16;

Priority Number: 1993-10-28 JP1993000270974

Abstract: PURPOSE: To provide a separator having high electrolytic liquid absorbing or desorbing speed and good electrode insulating properties.


CONSTITUTION: A battery separator is prepared from unwoven cloth composed of polyolefine-type porous fibers having fine pores and prepared by mixing paraffin wax with fiber main bodies made of polyolefine-type resin and the polyolefine-type resin while melting them, melting and spinning the resulting mixture at prescribed draft ratio, extruding the mixture, and removing the paraffin wax from the obtained fibers after thermal treatment. The specific surface area of the fiber main bodies is 20m²/g or more and the ratio of the fine pores to the fiber main bodies is 20% or more and the fineness of the fiber main bodies is set to be 50 denier or less.

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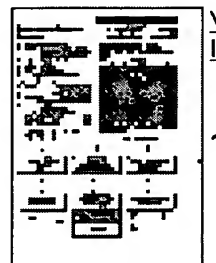
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Forward References: [Go to Result Set: Forward references \(1\)](#)

PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US6586912	2003-07-01	Tsukamoto; Hisashi	Quallion LLC	Method and apparatus for amplitude limiting battery temperature spikes

Other Abstract Info: CHEMABS 123(10)118557Y CAN123(10)118557Y DERABS C95-218551 DERC95-218551





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PATENT ABSTRACTS OF JAPAN(21) Application number: **05270974**(51) Intl. Cl.: **H01M 2/16**(22) Application date: **28.10.93**

(30) Priority:	(71) Applicant: UBE NITTO KASEI CO LTD
(43) Date of application publication: 19.05.95	(72) Inventor: TAKAHASHI ISAMU IIDA YOSHIO
(84) Designated contracting states:	(74) Representative:

(54) BATTERY SEPARATOR

(57) Abstract:

PURPOSE: To provide a separator having high electrolytic liquid absorbing or desorbing speed and good electrode insulating properties.

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